

## Parkland College

---

Biology Courses

Natural Sciences Courses

---

2015

# Biology 107 Introduction to Evolution Online Spring 2015

Bryan Krall

*Parkland College*, [bkrall@parkland.edu](mailto:bkrall@parkland.edu)

---

### Recommended Citation

Krall, Bryan, "Biology 107 Introduction to Evolution Online Spring 2015" (2015). *Biology Courses*. Paper 12.  
[http://spark.parkland.edu/bio\\_course/12](http://spark.parkland.edu/bio_course/12)

Open access to this Course Materials is brought to you by Parkland College's institutional repository, [SPARK: Scholarship at Parkland](http://spark.parkland.edu). For more information, please contact [spark@parkland.edu](mailto:spark@parkland.edu).

# Biology 107 - Online

## Intro to Evolution

(Spring 2015)

***Students are required to begin working on the course Jan 12, 2015***

---

**Required Material:**

- *Introduction to Evolution* (Custom book). Various authors. McGraw-Hill Create. ISBN#: 1121933203.
- The capability to do video conferencing on your home computer or access to a computer that is video conferencing capable.

**Instructor:**

Bryan Krall  
L230  
(217) 353-2042  
bkrall@parkland.edu  
Office hours: TBA

---

### Modules

---

<u>Module</u>	<u>Topic</u>	<u># of Weeks Spent on Module</u>
1	What is science?	1
2	Gene expression	2
3	Sexual reproduction & genetic variation	1
4	Patterns of Inheritance	1
5	Historical basis of evolutionary science	2
6	Darwinian evolution	1
7	Microevolution	1
8	Speciation & extinction	1
9	The astronomical basis of biological evolution	1
10	The geological basis of biological evolution	2
11	History of life on earth	1
12	Human evolution	1
13	Evolution and society	1

---

### Quizzes

---

- Module quizzes are taken and the dates are posted in the course calendar in Cobra.
- You will have 15 minutes to complete each quiz online for a quiz worth 30 points and 30 minutes to complete a quiz that is worth 60 points.
- Each module has one (1) quiz that goes with it.
- All quizzes are open book/open note.

---

### Discussion Questions

---

- Discussion questions will each have a “first post” deadline and a “second post” deadline. The “first post” is you responding to the instructor’s initial question. The “second post” is you responding to another student’s “first post”.

---

### Attendance Policy

---

- “Attendance” (for online courses) is defined and measured as logging in to Cobra and completing assignments by their due dates/times. Each student is required to log into the course and check their Cobra email and the Cobra Newsfeed for Bio 107 each school day.
- **On Census Day (the 10<sup>th</sup> day of class), your instructor is required to assess your attendance. If you have not completed the START HERE assignments by the due dates, you will be withdrawn from the course. You are ultimately responsible for your own withdrawal by the withdrawal date.** Non-attendance after the Census Day may result in an F if you don’t withdraw yourself. However, the instructor still reserves the right to withdraw a student for poor attendance or grades on or before midterm.
- Regular attendance is expected several times per week. Assignment deadlines will not be extended as a result of absence unless the instructor is contacted by 12:00 pm the day of the assignment and the instructor deems your absence as excused.
  - Excused absence – it is up to the instructor (not the student) to determine if an absence is excused. Notifying your instructor of your absence IN ADVANCE of the assignment(s) you will be missing may be looked kindly upon by your instructor. Hint. Hint.
- You are held accountable for all announcements posted online or emailed to you.
- It is YOUR responsibility, not your instructor’s, to find out what assignments you may have missed while absent.

---

### Extra Credit

---

- **A student may not exceed 10 points extra credit during the semester for the course.**
- **World of Science Lecture Series** (5 pts.). Held at the Staerckel Planetarium on the first Friday of each month at 7:00 p.m. (\$1.00 admission charge). Write up a 250 word essay on what you found interesting at the lecture.
- You are responsible for your own transportation to the extra credit activities.
- If you sign up for an extra credit assignment and it is unexpectedly canceled (no matter the reason), then you will not receive extra credit points for it and your instructor will not create another extra credit assignment to replace the one that was canceled. Simply put, you lose out on that extra credit opportunity.

---

### Late Policy

---

- Anything submitted past the due date will receive a –25% penalty for each day it has not been turned in. This includes weekends.
- **The course CALENDAR feature in Cobra is the final authority for due dates and deadlines.**
- December 10 at 11:59pm is the last day to turn any assignments for credit regardless of the due date and “late policy” for the course. Anything submitted past this point will not be graded and a zero will be given for those assignments.

---

## Behavior

---

- Please be respectful of others in the course and do not be disruptive or offensive. Behavior that is deemed disruptive/offensive by the instructor will not be tolerated and disciplinary action may be used.

---

## General Education Objectives for This Course

---

The College catalog states "...all of Parkland's academic offerings will help [students] grow by improving their individual skills and competencies and by providing experiences in areas they have not yet explored" (p.9, 2011-12). You are encouraged to review the Course Information Form (CIF) for your course. There, you will find the general education objectives addressed in your course. You are additionally encouraged to list those particular objectives in your syllabus. This will aid our students in appreciating that not only are they learning content specific information, but that Parkland is assisting them in realizing "their potential as learners, workers, and valuable participants in a global society" (p.8, 2011-12).

- Write effectively.
- Think critically in decision-making and problem-solving, using scientific inquiry.
- Compute, assess, and articulate in quantitative terms.
- Use technology to access, retrieve, process, and communicate information.
- Understand global political, social, economic, historical issues and philosophical ideas.

---

## Course Portal Communication Email and Announcements

---

- You are expected to access the course portal each school day ...  
  

<https://cobra.parkland.edu/>

...to obtain information about this course which includes course announcements.
- **Allow one school day for your instructor to respond to your email.** The instructor is not expected to check their email late at night.
- You are to restrict (when possible) your email communication with your instructor to only using your Parkland College email or the course portal.

---

## Student Resources Outside Of Class

---

- If you believe you have a disability for which you may need an academic accommodation (e.g. an alternate testing environment, use of assistive technology or other classroom assistance), please inform the instructor as soon as possible, and/or contact the following for assistance:

**Cathy Robinson, Office of Disability Services**

U260, 353-2338, [disabilityservices@parkland.edu](mailto:disabilityservices@parkland.edu)

- There are many services offered by Parkland that students do not take advantage of. You have already paid for this stuff when you paid your tuition! Use them!

<u>Service Offered</u>	<u>Phone Number</u>	<u>Location</u>
Library	351-2223	R201
Writing Center	373-3791	D133
Counseling & Academic Advising Center	351-2219	A251

---

## Center for Academic Success

---

- If you find yourself needing assistance of any kind to complete assignments, stay on top of readings, study for tests, or just to stay in school, please contact one of the following staff at the Center for Academic Success:

Anita Taylor  
Room: D120  
Phone: 353-2005

Gail Hoke  
Room: D120  
Phone: 351-2441

---

### Core Values

---

- Your instructor supports the Core Values espoused by Parkland College: Honesty and Integrity, Fairness and Just Treatment, Responsibility, Multiculturalism, Education, and Public Trust. Essentially, these values set guidelines for how you should be treated and how you should treat each other (and me). Failure to be respectful of one another or to maintain ethical behavior will not be tolerated.

---

### Civility Statement

---

- Our College Core Values of Fair and Just Treatment and Responsibility serve as guide posts for civility. Parkland College is committed to campus wide civility by cultivating a community where the faculty, staff and students:

- Respect people and property
- Show empathy and tolerance
- Demonstrate concern for and fairness toward others
- Employ critical thinking and patience
- Accept accountability for their own actions

---

### Mass Notification System

---

- In the event of a significant campus emergency, Parkland College will activate its mass notification system. We encourage you to sign up for this free service and select how you would like to be notified: text message, audio message, or email message. Sign up at <http://www2.parkland.edu/publicsafety/alerts.htm>

---

### Computer Related Technology Assistance for Students

---

- "Parkland College offers help with technical questions and issues regarding Email, Cobra, My.Parkland, course related software installation, and Wi-Fi access. Visit the STAR (Student Technical Assistance & Resources) help desk in the library. Contact the STAR Hotline at 217-353-3333, or email [star@parkland.edu](mailto:star@parkland.edu) for technical assistance."

---

### Grading Scale

---

- This course employs a points based grading system. You will compare the total points you earned to the total points possible in the course. Dividing the total points earned by the total points possible will give you a percentage. Apply your percentage to this table to determine your grade in this course.

Percentage	Letter Grade
100 (or higher) – 90.000	A
89.999 – 80.000	B
79.999 – 70.000	C
69.999 – 60.000	D
59.999 (or lower)	F

---

### Instructor Points

---

- Instructor points are points that the instructor may or may not additionally assign for your section at any point throughout the semester.
- Instructor points are meant to include “minor” assignments (i.e. quizzes, reports). These points are not meant to include “major” assignments (i.e. exams).
- Instructor points are part of your grade in the course.

---

### Course Information Forms

---

- (Based on ICCB Rules) The official master set of signed course information forms shall be maintained in the office of the Vice President for Academic Services for ICCB, public, and student inspection. Each course information form on file shall be dated within three years of the current date. When a course information form changes, the updated version must be placed in the master file. Each department office shall have a duplicate copy of the course information forms for which it is responsible. Each course information form shall contain the course description (matching that in the Catalog), specific objectives of the course, a topical outline, and the method for evaluating student performance. Each course information form shall be professionally prepared in accordance with Curriculum Committee guidelines. This is essential because copies are routinely sent externally to ICCB state universities, and some to Illinois Articulation Initiative (IAI) panels.

View the CIF for each course you teach every semester you teach it. You may access CIFs by logging in to my.parkland.edu and navigating to the CIF database by clicking on the “Course Information System” link under the Applications Tab.

---

### Illinois Articulation Initiative & Transferability as L1 907L

---

- This course currently articulates with the IAI Major Course Description for the nonmajors Evolution: L1 907L.

<http://www.itransfer.org/iai/Faculty/Course/ListCourses.aspx?section=faculty&desc=L1907L>

---

### Cheating Policy

---

Parkland College’s values include honesty, integrity, and responsibility. Students, faculty, and staff are all expected to maintain academic integrity in their work and take collective responsibility for preventing violations of intellectual ownership. Academic dishonesty is unacceptable, and the institution is committed to helping students learn these values through development and growth. Personal commitment, honest work, and honest achievement are necessary characteristics for an educated person. The process of determining the consequences of academic dishonesty begins with the faculty member and may proceed to include the department chair and/or the Office of the Vice President for Academic Services. All Incidents of academic dishonesty, including developmental or punitive action, should be referred in writing to the Office of the Vice President for Academic Services.

- Academic Honesty can be broadly defined as performing academic work without cheating, fabrication, or plagiarism:
- **Cheating:** Using or attempting to use unauthorized materials, information, or study aids in any academic activity. Submitting as one’s own work term papers, homework, and examinations that are not one’s own work or for which a student received unauthorized help. Copying the work of another, or allowing another to copy one’s own work, without proper acknowledgment.
- **Fabrication:** Falsifying or inventing any information or citation in an academic activity.

- **Plagiarism:** External information borrowed and directly quoted must be indicated by use of quotation marks, and any changes, omissions, or addition to the direct quotation must be shown in bracket, and the source documented. All cited external information that has been paraphrased and summarized must also be documented.
- **Collaboration:** Students at Parkland College are encouraged to work together on group projects, study, and other activities. However, work submitted to fulfill an assignment not specifically identified as a group activity must be substantially the work of the author. Instructors should provide guidelines to students to maintain the academic integrity of these collaborative activities. Collaboration beyond this constitutes academic misconduct.
- For a full explanation of the consequences of academic dishonesty, please visit

<http://www.parkland.edu/Media/Website%20Resources/PDF/StudentPolicy/Student%20Policies%20and%20Procedures.pdf#page=5&zoom=100,0,300>

---

### Video Chat

---

- We will be using some Adobe software for you to give two live PowerPoint presentations with a few other students online.
- You will need to make sure you have access to a computer that has video conferencing capability.
- There will be a minor assignment where you will need to be able to prove that you have access to a computer that can use the video software we use in the course and have a short video conference with your instructor. Failure to complete this assignment by the due date will result in a zero grade for the PPT Presentation assignments.
- You will also have assignments where you will need to upload videos of yourself throughout the semester.

*Information contained in this syllabus may be subject to change. Any changes to the syllabus will be and posted in the course portal. Be sure to check the portal each school day for announcements.*

---

### Assignment Format

---

- For all assignments, please save your work using doc, .docx (Word) or rich text (.rtf), or as a .pdf.

# BIO 107 ASSIGNMENTS

Lecture Assignments					
	Points Possible	Points Earned		Points Possible	Points Earned
Module 1 Quiz	30		Module 11 Quiz	30	
Module 2 Quiz	60		Module 12 Quiz	30	
Module 3 Quiz	30		Module 13 Quiz	30	
Module 4 Quiz	30		Instructor Points	0-50	
Module 5 Quiz	60		11 Discussion Board Assignments (10 pts each)	110	
Module 6 Quiz	30		Final Exam	50	
Module 7 Quiz	30				
Module 8 Quiz	30				
Module 9 Quiz	30				
Module 10 Quiz	60				

Other Assignments					
11 Lab Report Assignments (each worth 20 pts)	220		3 Bio Newsfile Assignments (each worth 20 pts)	60	
PPT Presentation	30				